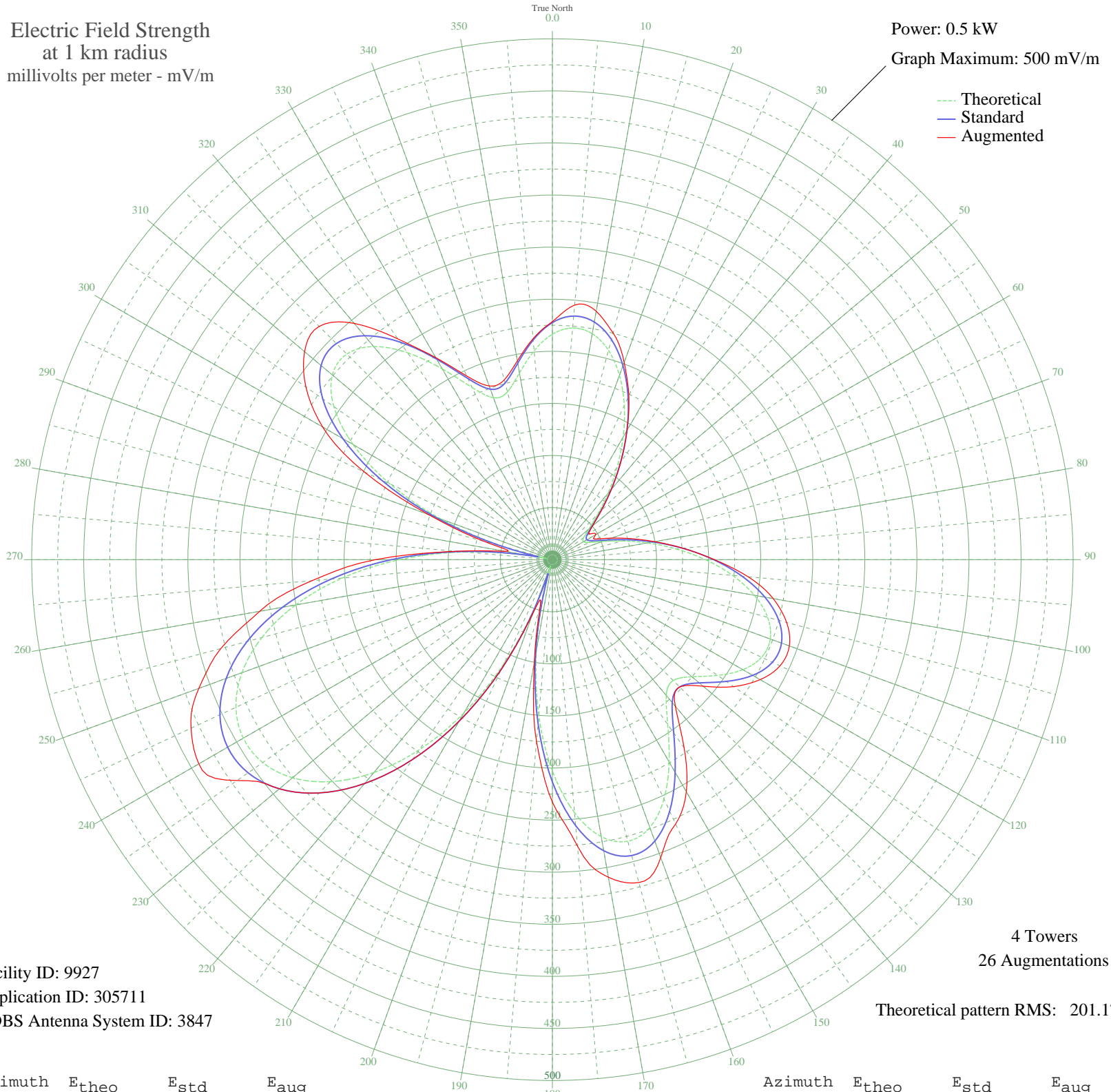


# KWOS JEFFERSON CITY, MO BL-- 950 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 9927  
Application ID: 305711  
CDBS Antenna System ID: 3847

4 Towers  
26 Augmentations  
Theoretical pattern RMS: 201.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	216.44	227.60	228.53
5	223.25	234.74	245.34
10	220.29	231.64	242.18
15	208.07	218.83	225.28
20	188.31	198.12	201.54
25	163.36	171.98	173.71
30	135.81	143.14	143.24
35	108.20	114.30	114.30
40	82.81	87.84	87.84
45	61.51	65.77	65.77
50	45.74	49.62	50.11
55	36.51	40.31	42.85
60	34.35	38.16	47.94
65	39.38	43.18	47.12
70	51.31	55.30	60.41
75	69.43	73.96	77.98
80	92.57	98.00	99.62
85	119.10	125.67	125.80
90	146.97	154.82	155.56
95	173.80	182.91	188.70
100	196.98	207.21	215.30
105	213.98	225.03	232.85
110	222.64	234.11	242.14
115	221.67	233.09	241.16
120	211.21	222.12	230.35
125	193.70	203.77	212.46
130	174.88	184.04	188.97
135	164.07	172.73	172.91
140	170.12	179.06	183.65
145	193.06	203.09	220.56
150	224.16	235.70	257.21
155	253.48	266.45	279.99
160	273.59	287.54	304.28
165	279.83	294.09	320.81
170	269.97	283.74	309.57
175	243.81	256.31	275.95

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	202.87	213.38	232.76
185	149.89	157.88	175.13
190	88.39	93.65	99.76
195	22.34	26.56	44.40
200	45.26	49.13	55.23
205	110.13	116.31	116.31
210	170.00	178.94	178.94
215	222.75	234.22	234.22
220	266.86	280.48	280.48
225	301.37	316.69	316.69
230	325.70	342.21	342.21
235	339.53	356.72	369.62
240	342.73	360.08	392.00
245	335.27	352.25	382.79
250	317.22	333.31	361.32
255	288.77	303.46	329.58
260	250.32	263.14	285.34
265	202.61	213.11	231.85
270	146.81	154.65	169.87
275	84.63	89.74	92.25
280	18.64	23.20	46.07
285	49.02	52.96	67.94
290	113.77	120.11	126.81
295	172.31	181.36	199.48
300	220.87	232.25	254.76
305	256.16	269.26	288.92
310	275.90	289.96	310.63
315	279.19	293.42	316.70
320	267.01	280.64	296.07
325	242.51	254.94	258.73
330	211.42	222.34	223.97
335	182.31	191.83	194.48
340	165.41	174.13	177.45
345	166.76	175.54	178.66
350	182.03	191.54	193.77
355	201.27	211.70	212.91